



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200  
Fax 613 632-5246

D5179-1

Job Sheet 202263



Part No: D5179-1

Job Qty: 20 pcs

Part Name: Doubler



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 10/23/19

Job Tracking No:

Due Date: 11/6/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG REV A IPP REV:A 15.05.04 NEW ISSUE DD VERF:JLM

Ship Via:

## Bill of Materials

## Job Routing

| Op No | Operation           | Qty    | Start Date | Due Date | Standard  |         | Workcenter/Supplier   |           | Sign-off    |
|-------|---------------------|--------|------------|----------|-----------|---------|-----------------------|-----------|-------------|
|       |                     |        |            |          | Setup Hrs | Run Hrs | Workcenter / Supplier | Lead Time |             |
| 100   | Waterjet - Flow - 1 | 20 pcs |            | 11/6/19  | 0.01      | 0.82    | Waterjet - Flow       |           | JRB 11/1/19 |
| 110   | QC 2                | 20 pcs |            | 11/6/19  | 0.00      | 0.00    | QC 2 - 1              |           |             |
|       |                     |        |            |          |           |         | QC 2 - 12             |           |             |
|       |                     |        |            |          |           |         | QC 2 - 14             |           |             |
|       |                     |        |            |          |           |         | QC 2 - 17             |           |             |
|       |                     |        |            |          |           |         | QC 2 - 19             |           |             |
|       |                     |        |            |          |           |         | QC 2 - 2              |           |             |
|       |                     |        |            |          |           |         | QC 2 - 20             |           |             |
|       |                     |        |            |          |           |         | QC 2 - 22             |           |             |
|       |                     |        |            |          |           |         | QC 2 - 23             |           |             |
|       |                     |        |            |          |           |         | QC 2 - 25             |           |             |
|       |                     |        |            |          |           |         | QC 2 - 32             |           |             |
|       |                     |        |            |          |           |         | QC 2 - 33             |           |             |
|       |                     |        |            |          |           |         | QC 2 - 35             |           |             |
|       |                     |        |            |          |           |         | QC 2 - 39             |           |             |
|       |                     |        |            |          |           |         | QC 2 - 4              |           |             |
|       |                     |        |            |          |           |         | QC 2 - 40             |           |             |
|       |                     |        |            |          |           |         | QC 2 - 44             |           |             |
|       |                     |        |            |          |           |         | QC 2 - 45             |           |             |
|       |                     |        |            |          |           |         | QC 2 - 48             |           |             |
|       |                     |        |            |          |           |         | QC 2 - 49             |           |             |
|       |                     |        |            |          |           |         | QC 2 - 50             |           |             |
|       |                     |        |            |          |           |         | QC 2 - 51             |           |             |
|       |                     |        |            |          |           |         | QC 2 - 52             |           |             |
|       |                     |        |            |          |           |         | QC 2 - 57             |           |             |
|       |                     |        |            |          |           |         | QC 2 - 62             |           |             |
|       |                     |        |            |          |           |         | QC 2 - 63             |           |             |
|       |                     |        |            |          |           |         | QC 2 - 8              |           |             |
|       |                     |        |            |          |           |         | QC 2 - 66             |           |             |
|       |                     |        |            |          |           |         | QC 2 - 64             |           |             |

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Container No: S228915



Part: D5179-1

Job No: 202263

Serial No/Batch: S228915

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Date: 11/01/19

Plex 10/23/19 8:31 AM Dart.lajeunesse.marie

10/23/2019

## [Dart Hawkesbury] Job Sheet - Lajeunesse, Marie

|                                   |           |         |           |                           |                  |
|-----------------------------------|-----------|---------|-----------|---------------------------|------------------|
| 120 QC 8                          | 20<br>pcs | 11/6/19 | 0.00 0.00 | QC 2 - 65                 |                  |
|                                   |           |         |           | QC 2 - 5                  |                  |
|                                   |           |         |           | QC 2 - 71                 |                  |
|                                   |           |         |           | QC 2 - 73                 |                  |
|                                   |           |         |           | QC 2 - 69                 | JRB 11/1/19      |
|                                   |           |         |           | QC 8 - 12                 |                  |
|                                   |           |         |           | QC 8 - 14                 |                  |
|                                   |           |         |           | QC 8 - 17                 |                  |
|                                   |           |         |           | QC 8 - 20                 |                  |
|                                   |           |         |           | QC 8 - 25                 |                  |
|                                   |           |         |           | QC 8 - 3                  |                  |
|                                   |           |         |           | QC 8 - 32                 |                  |
|                                   |           |         |           | QC 8 - 33                 |                  |
|                                   |           |         |           | QC 8 - 35                 |                  |
|                                   |           |         |           | QC 8 - 39                 |                  |
|                                   |           |         |           | QC 8 - 4                  |                  |
|                                   |           |         |           | QC 8 - 44                 |                  |
|                                   |           |         |           | QC 8 - 45                 |                  |
|                                   |           |         |           | QC 8 - 49                 |                  |
|                                   |           |         |           | QC 8 - 58                 |                  |
|                                   |           |         |           | QC 8 - 8                  |                  |
|                                   |           |         |           | QC 8 - 9                  |                  |
|                                   |           |         |           | QC 8 - 68                 |                  |
|                                   |           |         |           | QC 8 - 67                 |                  |
|                                   |           |         |           | QC 8 - 1 (A)              | DAS              |
|                                   |           |         |           | QC 8 - 47                 | 40               |
|                                   |           |         |           | QC 8 - 40                 | NOV 04 2019 9:38 |
|                                   |           |         |           | QC 8 - 52                 |                  |
|                                   |           |         |           | QC 8 - 23                 |                  |
|                                   |           |         |           | QC 8 - 57                 |                  |
|                                   |           |         |           | QC 8 - 76                 |                  |
|                                   |           |         |           | QC 8 - 61                 |                  |
| 130 Handfinish - 1-1 Chemical-B4B | 20<br>pcs | 11/6/19 | 0.00 0.58 | Handfinish - 1 - 1 - B4B  |                  |
|                                   |           |         |           | Handfinish - 1 - 2 - B4B  |                  |
|                                   |           |         |           | Handfinish - 1 - 3 - B4B  | NOV 05 2019      |
|                                   |           |         |           | Handfinish - 1 - 4 - B4B  |                  |
|                                   |           |         |           | Handfinish - 1 - 5 - B4B  |                  |
|                                   |           |         |           | Handfinish - 1 - 6 - B4B  |                  |
|                                   |           |         |           | Handfinish - 1 - 7 - B4B  |                  |
|                                   |           |         |           | Handfinish - 1 - 8 - B4B  |                  |
|                                   |           |         |           | Handfinish - 1 - 9 - B4B  |                  |
|                                   |           |         |           | Handfinish - 1 - 10 - B4B |                  |
|                                   |           |         |           | Handfinish - 1 - 11 - B4B |                  |
|                                   |           |         |           | Handfinish - 1 - 12 - B4B |                  |
|                                   |           |         |           | Handfinish - 1 - 13 - B4B |                  |
|                                   |           |         |           | Handfinish - 1 - 14 - B4B |                  |
|                                   |           |         |           | Handfinish - 1 - 15 - B4B |                  |
|                                   |           |         |           | Handfinish - 1 - 16 - B4B |                  |
|                                   |           |         |           | Handfinish - 1 - 17 - B4B |                  |
|                                   |           |         |           | Handfinish - 1 - 18 - B4B |                  |
|                                   |           |         |           | Handfinish - 1 - 19 - B4B |                  |

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## [Dart Hawkesbury] Job Sheet - Lajeunesse, Marie

|                                 |        |         |      |      |                           |             |
|---------------------------------|--------|---------|------|------|---------------------------|-------------|
|                                 |        |         |      |      | Handfinish - 1 - 20 - B4B |             |
|                                 |        |         |      |      | Handfinish - 1 - 21 - B4B |             |
|                                 |        |         |      |      | Handfinish - 1 - 22 - B4B |             |
| 140 QC 7                        | 20 pcs | 11/6/19 | 0.00 | 0.00 | QC 7 - 10                 |             |
|                                 |        |         |      |      | QC 7 - 13                 |             |
|                                 |        |         |      |      | QC 7 - 14                 |             |
|                                 |        |         |      |      | QC 7 - 15                 |             |
|                                 |        |         |      |      | QC 7 - 17                 |             |
|                                 |        |         |      |      | QC 7 - 18                 |             |
|                                 |        |         |      |      | QC 7 - 19                 |             |
|                                 |        |         |      |      | QC 7 - 2                  |             |
|                                 |        |         |      |      | QC 7 - 28                 |             |
|                                 |        |         |      |      | QC 7 - 3                  |             |
|                                 |        |         |      |      | QC 7 - 30                 |             |
|                                 |        |         |      |      | QC 7 - 34                 |             |
|                                 |        |         |      |      | QC 7 - 36                 |             |
|                                 |        |         |      |      | QC 7 - 37                 |             |
|                                 |        |         |      |      | QC 7 - 41                 |             |
|                                 |        |         |      |      | QC 7 - 47                 |             |
|                                 |        |         |      |      | QC 7 - 48                 |             |
|                                 |        |         |      |      | QC 7 - 51                 |             |
|                                 |        |         |      |      | QC 7 - 58                 |             |
|                                 |        |         |      |      | QC 7 - 59                 |             |
|                                 |        |         |      |      | QC 7 - 60                 |             |
|                                 |        |         |      |      | QC 7 - 9                  |             |
|                                 |        |         |      |      | QC 7 - 68                 |             |
|                                 |        |         |      |      | QC 7 - 50                 |             |
|                                 |        |         |      |      | QC 7 - 67                 |             |
|                                 |        |         |      |      | QC 7 - 40                 | NOV 06 2019 |
|                                 |        |         |      |      | QC 7 - 24                 |             |
|                                 |        |         |      |      | QC 7 - 43                 |             |
|                                 |        |         |      |      | QC 7 - 61                 |             |
|                                 |        |         |      |      | QC 7 - 81                 |             |
|                                 |        |         |      |      | QC 7 - 76                 |             |
|                                 |        |         |      |      | QC 7 - 79                 |             |
| 150 Packaging 3-1 - Stock - B4B | 20 pcs | 11/6/19 | 0.00 | 0.00 | Packaging 3 - 1 - B4B     |             |
|                                 |        |         |      |      | Packaging 3 - 2 - B4B     |             |
|                                 |        |         |      |      | Packaging 3 - 3 - B4B ✓   | ST 220      |
|                                 |        |         |      |      | Packaging 3 - 4 - B4B     |             |
|                                 |        |         |      |      | Packaging 3 - 5 - B4B     |             |
|                                 |        |         |      |      | Packaging 3 - 6 - B4B     |             |
|                                 |        |         |      |      | Packaging 3 - 7 - B4B     |             |
|                                 |        |         |      |      | Packaging 3 - 8 - B4B     |             |
|                                 |        |         |      |      | Packaging 3 - 9 - B4B     |             |
|                                 |        |         |      |      | Packaging 3 - 10 - B4B    |             |
|                                 |        |         |      |      | Packaging 3 - 11 - B4B    |             |
|                                 |        |         |      |      | Packaging 3 - 12 - B4B    |             |
|                                 |        |         |      |      | Packaging 3 - 13 - B4B    |             |
|                                 |        |         |      |      | Packaging 3 - 14 - B4B    |             |
|                                 |        |         |      |      | Packaging 3 - 15 - B4B    |             |
|                                 |        |         |      |      | Packaging 3 - 16 - B4B    |             |
|                                 |        |         |      |      | Packaging 3 - 17 - B4B    |             |
|                                 |        |         |      |      | Packaging 3 - 18 - B4B    |             |
|                                 |        |         |      |      | Packaging 3 - 19 - B4B    |             |
|                                 |        |         |      |      | Packaging 3 - 20 - B4B    |             |
|                                 |        |         |      |      | Packaging 3 - 21 - B4B    |             |
|                                 |        |         |      |      | Packaging 3 - 22 - B4B    |             |

DAS  
40  
9-88

NOV 06 2019

ST 220

NOV 11 2019

Oscar

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|     |            |           |         |           |                        |       |
|-----|------------|-----------|---------|-----------|------------------------|-------|
|     |            |           |         |           | Packaging 3 - 23 - B4B |       |
|     |            |           |         |           | Packaging 3 - 24 - B4B |       |
|     |            |           |         |           | Packaging 3 - 25 - B4B |       |
|     |            |           |         |           | Packaging 3 - 26 - B4B |       |
|     |            |           |         |           | Packaging 3 - 27 - B4B |       |
|     |            |           |         |           | Packaging 3 - 28 - B4B |       |
|     |            |           |         |           | Packaging 3 - 29 - B4B |       |
|     |            |           |         |           | Packaging 3 - 30 - B4B |       |
|     |            |           |         |           | Packaging 3 - 31 - B4B |       |
|     |            |           |         |           | Packaging 3 - 32 - B4B |       |
|     |            |           |         |           | Packaging 3 - 33 - B4B |       |
|     |            |           |         |           | Packaging 3 - 34 - B4B |       |
|     |            |           |         |           | Packaging 3 - 35 - B4B |       |
|     |            |           |         |           | Packaging 3 - 36 - B4B |       |
| 160 | QC 21 - SA | 20<br>pcs | 11/6/19 | 0.00 0.00 | QC 21 - SA - 21 ✓      | ST220 |
|     |            |           |         |           | QC 21 - SA - 70        |       |
|     |            |           |         |           | QC 21 - SA - 53        |       |

NOV 08 2019

Part Op 110 - QC2- Inspect parts off machine FAI/FAIB  
 Descriptions: 120 - QC8- Inspect parts - second check  
 130 - Chemical Conversion Coat per QSI005 4.1  
 140 - QC7-Inspect Chemical Conversion Coat  
 150 - Identify as per dwg & Stock Location:  
 160 - QC21- Final Inspection - Work Order Release

## Job BOM

| Part / Item  | Component Name       | Quantity            | Operation               | Container |
|--------------|----------------------|---------------------|-------------------------|-----------|
| M6061T6S.032 | 6061-T6 Sheet 0.032" | 2.5000 sf (.125 ea) | 100-Waterjet - Flow - 1 | SI67435   |

## Job Allocations

| Operation               | Component Part | Required | Inventory | Allocated |
|-------------------------|----------------|----------|-----------|-----------|
| 100-Waterjet - Flow - 1 | M6061T6S.032   | 3        | 93        | 0         |

## Part Specifications

Specifications could not be found.

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Entered: \_\_\_\_\_ Date: \_\_\_\_\_ **WORK ORDER NON-CONFORMANCE / ROUTE UPDATE**

Route update only

NCR No. \_\_\_\_\_

Job: \_\_\_\_\_

Part No. \_\_\_\_\_

**DISPOSITION**

Rework ☐  
Scrap ☐  
Use-as-is ☐

**DEPARTMENT/PROCESS**

Skid-tube ☐  
Machining ☐  
Large Fab ☐

Cross tube ☐  
Small Fab ☐  
Finishing ☐

Engineering ☐  
Water Jet ☐  
Supplier ☐  
Quality ☐

MRB (QSI042)

QTY Affected: \_\_\_\_\_

Sequence #: \_\_\_\_\_

**Disposition**

Description Work Order Deviation

Completed By

Lead hand / Supervisor

QC / QA Coordinator

**Root Cause**

Operator ☐  
Manufacturing Process ☐  
Equip/Tooling ☐  
Handling/Preservation ☐  
Material ☐  
Product Improvement ☐  
Process Improvement ☐  
Human Factors ☐

**FAULT CATEGORY**

Pressure/Forced ☐  
Bending ☐  
Crushing ☐  
Cracks ☐  
Crimp/Kink/Ripple/Wave/Twist ☐  
Marks/Chatter ☐  
Mislabeled ☐  
Other/Details: \_\_\_\_\_

Contamination ☐  
Misaligned/off center ☐  
BOM/Route ☐  
Broken/Damage/Defect ☐  
Incomplete/Unclear Instructions ☐  
Drill Holes ☐  
Fit/Function ☐

Power Loss/Surge ☐  
Folio/Program ☐  
Grain Direction ☐  
Weld ☐  
Wrong Stock Pulled ☐  
Out of Sequence ☐  
Off-set/Set-up ☐

Positioned Wrong ☐  
Outside Tolerance ☐  
Drawing ☐  
Finish ☐  
Part Lost/Missing ☐  
Misread ☐